IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1. (Original) A method of transmitting a packet, comprising the steps of:

measuring the length of a data packet stored in a device;

generating an additional packet having a length which is equal to the difference between the measured length and a predetermined packet length;

coupling said data packet and said additional packet to each other;

producing a second packet having a predetermined length;

transferring said second packet to a transmission buffer; and

transmitting said second packet.

2. (Original) A method according to claim 1,

wherein said additional packet comprises a nullpacket.

3. (Original) A method according to claim 1,

wherein said data packet comprises a packet according to MPEG standards and said second packet comprises a packet according to IEEE 1394 standards.

4. (Original) A method according to claim 1,

wherein said predetermined length of said second packet is represented by 392 bytes.

5. (Original) An apparatus for transmitting a packet, comprising:

means for measuring the length of a data packet stored in a device;

means for generating an additional packet having a length which is equal to the difference between the measured length and a predetermined packet length;

means for coupling said data packet and said additional packet to each other;

means for producing a second packet having a predetermined length;

means for transferring said second packet to a transmission buffer; and

means for transmitting said second packet.

6. (Original) An apparatus according to claim 5,

wherein said additional packet comprises a nullpacket.

7. (Original) An apparatus according to claim 5,

wherein said data packet comprises a packet according to MPEG standards and said second packet comprises a packet according to IEEE 1394 standards.

8. (Original) An apparatus according to claim 5,

wherein said predetermined length of said second packet is represented by 392 bytes.

9. (Currently Amended) A program adapted to be stored on a machine-readable medium for transmitting a packet, the program comprising ~~the steps of~~:

code for measuring the length of a data packet stored in a device;

code for generating an additional packet having a length which is equal to the difference between the measured length and a predetermined packet length;

code for coupling said data packet and said additional packet to each other;

code for producing a second packet having a predetermined length;

code for transferring said second packet to a transmission buffer; and

code for transmitting said second packet.

10. (Currently Amended) ~~A~~ The program according to claim 8,

wherein said additional packet comprises a nullpacket.

11. (Currently Amended) ~~A~~ The program according to claim 8,

wherein said data packet comprises a packet according to MPEG standards and said second packet comprises a packet according to IEEE 1394 standards.

12. (Currently Amended) ~~A~~ The program according to claim 8,

wherein said predetermined length of said second packet is represented by 392 bytes.

13. (Orignal) A storage medium for storing a program for transmitting a packet, said program comprising the steps of:

measuring the length of a data packet stored in a device;

generating an additional packet having a length which is equal to the difference between the measured length and a predetermined packet length;

coupling said data packet and said additional packet to each other; producing a second packet having a predetermined length;

transferring said second packet to a transmission buffer; and

transmitting said second packet.

14. (Currently Amended) A storage medium according to claim ~~12~~ 13,

wherein said additional packet comprises a nullpacket.

15. (Currently Amended) A storage medium according to claim ~~12~~ 13,

wherein said data packet comprises a packet according to MPEG standards and said second packet comprises a packet according to IEEE 1394 standards.

16. (Currently Amended) A storage medium according to claim ~~12~~ 13,

wherein said predetermined length of said second packet is represented by 392 bytes.